Dhaval Koradiya

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PROFESSIONAL SUMMARY

With **2+ years of experience** in software development, I have expertise in designing and maintaining enterprise software solutions using **Java, Spring Boot, and REST APIs** in Microservices Architecture. Skilled in data structures, problem-solving, and **agile methodologies**, committed to continuous improvement, and expert in effective communication and teamwork, creating user-centric applications while efficiently analyzing and resolving complex challenges.

SKILLS

- **Programming Languages:** Java (JDK 11/17), C/C++, Python, JavaScript, HTML5, CSS3, Node.js
- **Database Systems and Management:** HANA DB, MySQL, SQL Server, MongoDB
- **Frameworks:** SpringBoot, Django, Mockito
- **Software Tools:** Git, PostMan, Insomnia, Jira, OpenCV, Eclipse, Jenkins, MS Office, PowerBI, VS Code, SonarQube
- **Cloud Technologies:** Amazon Web Services(EC2, RDS, S3)
- **Platforms:** MS Windows, MAC Os, Unix/Linux, Ubuntu
- **Methodologies:** Agile methodology, Design Patterns, SDLC, Object-Oriented Design, functional programming
- **SAP technologies:** CAPM, Fiori Elements, Cloud Platform Integration (CPI), SAP BTP
- **Soft Skills:** Passionate, Detail oriented, Problem-Solving, Curiosity, Accountability, Well-organised, Organization Skills, Communication skills, Research Skills, Interpersonal Skills, Analytical Skills

WORK EXPERIENCE

System Engineer   Sep 2021 – Nov 2023
Infosys   *Mumbai, India*
Technologies: Java, Spring Boot, Microservices, Rest APIs, Mockito

- Developed backend solutions and APIs for SAP clients using Java Spring Framework in a Microservices architecture, achieving a 30% improvement in API response time by writing efficient database queries
- Led a team of 10, integrating CPI technology into the product, enhancing team coordination, and driving a 15% improvement in performance
- Provided proactive support to other teams on CPI and design documents to amplify their user experience
- Collaborated effectively in an Agile environment, with active participation in sprint planning, retrospective meetings, prioritizing tasks and ensuring timely delivery, participating in code reviews, and maintaining a 95% code coverage
- Closed high-priority tickets by rectifying bugs and errors with debugging skills, improving system reliability and performance by 10%, wrote **unit tests** (JUnit with Mockito), and using CI/CD, Jenkin to streamline the build process

Web Developer Intern   Nov 2019 – Mar 2020
LTD Services   *Mumbai, India*
Technologies: HTML3, CSS5, JavaScript, Ruby On Rails

- Evaluated Ruby on Rails and JavaScript docs to build web-based products, cultivating state-of-the-art applications used by 1000+ users
- Collaborated effectively with cross-functional teams, adapting to the organizational culture and contributing to team success
- Proactively pursue continuous learning, maximizing team productivity, and contributing to the timely and successful completion of projects

EDUCATION

Master's Of Applied Computing   Graduating in April
University Of Windsor   *Windsor, Canada*

Bachelor of Engineering, Information Technology   June 2017 - May 2021
University Of Mumbai   *Mumbai, India*

PROJECTS

Linkify Learning Platform | Link   Sept 2024 – Dec 2024
Selected among Top projects to showcase at the 11th CS Demo Day at the University of Windsor
Technologies: MongoDB, Express.js, React, Node.js, GitHub API & Webhooks, Automation Workflows
- Engineered a full-stack web app using MERN stack. Integrated GitHub APIs and Webhooks for 20% improvement in API response time and seamless data storage in MongoDB, to fetch and display course materials into the UI
- Monitored data integrity with workflows for continuous automation, streamlining data flow and reducing manual updates to ensure up-to-date course data in the database, elevating backend performance and user engagement with a dynamic and intuitive UX

Distributed File Systems | Link   May 2024 – Aug 2024
University Of Windsor
Technologies: C, Socket Programming, MultiThread, Linux
- Constructed a client-server architecture for Advanced Systems programming, using socket communication and multithreading, enabling efficient file requests and consulting responses between 100+ discrete clients and servers
- Created functionalities for uploading, downloading, and managing files, with file distribution across different types of servers based on the file extensions

MobilePlan Analysis | Link   Jan 2024 – Apr 2024
University Of Windsor
Technologies: Java, Rest API's
- Standardized REST APIs for a Java-based analytical project, advocating functionalities like page ranking, word completion, inverted indexing, pattern matching, spell checking, and word frequency analysis, utilizing 7+ algorithms including HashMap, LinkList, Tree data structures, and Java Collections
- Regulated a web crawler using WebDriver and ChromeDriver to scrape and parse 100GB HTML data from websites, efficiently storing the data in CSV format

Cyber Bullying & Fake Profile Detection System | Link   June 2020 – Sept 2020
University Of Windsor
Technologies: Python, Machine Learning, Deep Learning, Open CV, TensorFlow
- Fortified a machine learning model to extract and analyze 2000+ profile pictures from 5 social media sites, expanding client security by identifying fake profiles through an autonomous approach
- Pioneered an NLP model executed by ETL processe**s** to fetch, clean, and preprocess 6000+ text data to help detect bullying languages in comments
- Applied machine learning techniques for data preprocessing and model training across text and image data types, significantly enhancing online community safety

AWARDS & TECHNICAL TRAINING

- Awarded **1st place** at the University of Windsor Internship Project competition
- Completed a series of technical training courses on platforms such as Udemy and LinkedIn Learning, acquiring expertise in modern programming languages and computer science paradigms, including DevOps, Financial Services, Microsoft SQL Server, NoSQL, Django, TCP/UDP, JavaScript, Test Automation, Web Services and Web Development